

P-W

California Oil Co. State  
NW/4 Sec 12-Twp 14N-R 18E 154  
County

sl

COUNTY Navajo AREA Wildcat (Holbrook Basin) LEASE NO. State 2519WELL NAME California Oil Company, StateLOCATION NW/4 SEC 12 TWP 14N RANGE 18E FOOTAGE 1320 FNL & 1320 FWLELEV 5830' GR 5841' KB SPUD DATE 9-13-61 STATUS P&A TOTAL DEPTH 1947'  
COMP. DATE 12-18-61CONTRACTOR Boyle Brothers Drilling Co., Salt Lake City, Utah

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	
5 9/16	122'	23 sks	NA	DRILLED BY CABLE TOOL	
4	726'			PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	P&A

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Alluvium	Surface	x	x	mud, red and gummy
Coconino	65'			SS wht, F/VC Qtzose, 8-13% porosity, tr perm; NSOFC becoming interbedded w/siltst & mudst. red-brn; hard
Upper Supai	794'			mudstone; red; very soft grading to hd and firm; with interbeds of anhydrite and halite.
Ft. Apache	1475'			dolo gy-brn; V Shly w/no flour; no cut
Lower Supai	1536			mudstone red-brn; hd, interbedded w/halite

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Am Strat</u>
GRN			SAMPLE DESCRP
			SAMPLE NO. <u>6-38</u>
			CORE ANALYSIS
			DSTs
			Core Set - Museum No. Az.
			Core Log - Az. Bur. of Mines
REMARKS <u>Lost Circ. @TD. Ream to 478' NOTE: Slid rig to 1370 FNL</u>			APP. TO PLUG <u>x</u>
<u>&amp; 1320 FWL.</u>			PLUGGING REP. <u>x</u>
			COMP. REPORT <u>x</u>

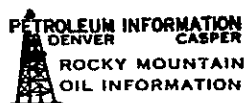
WATER WELL ACCEPTED BY

BOND CO. <u>St. Paul Fire &amp; Marine Insurance Co.</u>	BOND NO. <u>400 FN 3293</u>
BOND AMT. \$ <u>10,000</u>	DATE
CANCELLED <u>8-13-62</u>	ORGANIZATION REPORT <u>x</u>
FILING RECEIPT <u>9270</u>	LOC. PLAT <u>x</u> WELL BOOK <u>x</u> PLAT BOOK <u>x</u>
API NO. <u>02-017-05016</u>	DATE ISSUED <u>8-26-61</u> DEDICATION <u>NW/4</u>

PERMIT NUMBER 154

(over)

ARIZONA  
NAVAJO CO.  
HOLBROOK ANTICLINE (W)



Twp 14n-18e  
Section 12  
C NW  
1320 s/n 1320 e/w

OPR: California Oil

WELL #: 1 State-2519

ELEV: 5832 KB

DSTS. & CORES:

SPUD: 9-13-61

COMPL: 12-7-61

\*TOPS: Log-Sample

Crd 295-328, no details  
released.

TD: 1947

PB:

CSG: 5 1/2" @ 122 w/23

PERF:

PROD. ZONE:

INIT. PROD: D & A w/junk in hole

Contr: Boyle Bros.

(Strat Test - No further data to be released)

# WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☒

## DESCRIPTION OF WELL AND LEASE

Operator: California Oil Company, Western Division Address: 1700 Broadway, Denver, Colorado  
Federal, State or Indian Lease Number or name of lessor if fee lease: #2519 Well Number: 2519- #1 Field & Reservoir: Holbrook Area  
Location: 1320' SNL, 1320' EWL County: Navajo County, Arizona  
Sec. TWP-Range or Block & Survey: NW 1/4 Section 12, T. 14 N., R. 18 E.

Date spudded: 9-13-61 Date total depth reached: 11-27-61 Date completed, ready to produce: P & A 12-18-61 Elevation (DF, RKB, RT, or Gr.): 5841 feet Elevation of casing hd. flange: - feet  
Total depth: 1947' P.B.T.D.: - Single, dual or triple completion?: - If this is a dual or triple completion, furnish separate report for each completion: -

Producing interval (s) for this completion: - Rotary tools used (interval): 0-1947 Cable tools used (interval): -

Was this well directionally drilled?: No Was directional survey made?: No Was copy of directional survey filed?: - Date filed: -

Type of electrical or other logs run (check logs filed with the commission): Gamma Ray - Neutron Date filed: 12-14-61

## CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surf. Pipe	7-7/8"	5-9/16"	14.81	122'	23	
Lost Circ.	4-7/8"	4"		726'		131'

## TUBING RECORD

## LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.		

## PERFORATION RECORD

## ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

## INITIAL PRODUCTION

Date of first production: - Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:): -

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
			bbls.	MCF	bbls.	" API (Corr)

Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
			bbls.	MCF	bbls.	

Disposition of gas (state whether vented, used for fuel or sold): -

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Chief Engineer of the California Oil Co., Western Division (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

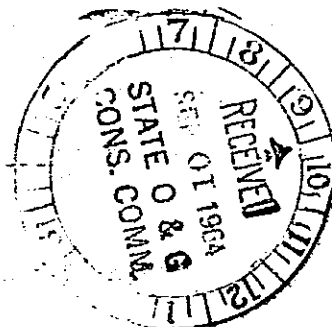
Date: 9-9-64 Signature: B. M. Kipp (JH)

Permit No. 154

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
Form No. 4 File One Copy

# DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Alluvium	Surface	65(+5776)	Mud, red and gummy
Coconino	65(+5776)	794(+5047)	SS-WH, F/VC Qtzose, 8-13% POR, TR. Perm, NSOFC w/Many Vert. Frac.  SS- Below 583' Red-Orange VF/F, 3-8% POR, Tr. Perm. NSOFC becoming interbedded w/sltst. & mudst. Red-Bwn. Hd.
Upper Supai	794(+5047)	1475(+4366)	Mudst. Red v. Soft Grdg. to Hd and Firm w/interbeds of Anhydrite and Halite.
Ft. Apache	1475(+4366)	1536(+4305)	Dolomite Gy-Brn. V Shaley w/no Fluor., No Cut.
Lower Supai	1536(+4305)	TD	Mudstone Red-Brn., HD, Interbedded w/Halite.



\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

## INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

PLUGGING RECORD							
Operator <b>California Oil Company, Western Division</b>				Address <b>P. O. Box 1076, Salt Lake City, Utah</b>			
Name of Lease <b>Holbrook Area</b>			Well No. <b>2519-1</b>		Field & Reservoir		
Location of Well <b>Section 12, T.14N., R.18E.</b>					Sec-Twp-Rge or Block & Survey		County <b>Navajo</b>
Application to drill this well was filed in name of <b>California Oil Co., West. Div.</b>			Has this well ever produced oil or gas <b>No</b>		Character of well at completion (initial production): Oil (bbls/day) <b>None</b> Gas (MCF/day)		Dry?
Date plugged: <b>12-18-61</b>			Total depth <b>1947'</b>		Amount well producing when plugged: Oil (bbls/day) <b>None</b> Gas (MCF/day)		Water (bbls./day)
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging		Fluid content of each formation		Depth interval of each formation		Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.	
<b>None</b>							
<b>(Well abandoned due to mechanical difficulties)</b>							
CASING RECORD							
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes		
<b>5-9/16"</b>	<b>123'</b>	<b>-</b>	<b>123'</b>		<b>Internal Cutter</b>		
<b>4"</b>	<b>726'</b>	<b>131'</b>	<b>595'</b>		<b>" "</b>		
<b>2-7/8"</b>	<b>1596'</b>	<b>761'</b>	<b>835'</b>		<b>" "</b>		
Was well filled with mud-laden fluid, according to regulations? <b>Yes</b>				Indicate deepest formation containing fresh water. <b>Coconino Top 65' Bottom 720'</b>			
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE							
Name		Address			Direction from this well:		
<b>Aztec Land &amp; Cattle Co.</b>		<b>Korber Bldg., Albuquerque, N. Mex.</b>			<b>Sec. 1, 11, 13 - N, S, W</b>		
<b>Caloilwest</b>		<b>P. O. Box 780, Denver, Colorado</b>			<b>Sec. 7, T19N, R14E</b>		
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.							
Use reverse side for additional detail File this form in duplicate with the State of Arizona Oil & Gas Conservation Commission							
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Division Sup't., Production Dept. of the <b>California Oil Co., Western Div.</b> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.							
Date <b>1-5-62</b>				Signature <b>R. L. GREEN</b>			
STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION							
Form No. P-15      Plugging Record      File two copies Authorized by Order No. <b>4-6-59</b> Effective <b>April 6, 1959</b>							

Rec'd  
1-9-62  
154

*Oil and Gas Conservation Commission*  
STATE LAND DEPARTMENT  
STATE OF ARIZONA

Form O&G 55

Form Prescribed Under Oil and Gas Conservation Act 1951  
APPLICATION TO ABANDON, ~~PLUG, DEEPEN, SIDLIFT OR REPERFORATE~~  
AS A RESULT OF MECHANICAL DIFFICULTIES  
(After Well Has Once Been Completed)

INSTRUCTIONS: - - File in duplicate with Commissioner. One copy will be returned with approval or denial.

~~HOUBROOK~~ HOUBROOK BASIN AREA

OPERATOR: CALIFORNIA OIL COMPANY, <sup>Western</sup> Division ADDRESS P. O. Box 1076, Salt Lake City, Utah  
LEASE: State 2519 WELL NO. #1 COUNTY Navajo  
SURVEY: SECTION 12 DRILLING PERMIT NO.: 154  
LOCATION 1320' from the North line, and 1320' from the West line to location in Center of the NW<sup>1</sup> of Section 12, T. 14 N., R. 18 E., Navajo County.

TYPE OF WELL Dry Hole TOTAL DEPTH 1947'  
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned)

LAST PRODUCTION TEST: OIL (Bbls.) Water (Bbls.)  
GAS (M.C.F.) DATE OF TEST

PRODUCING HORIZON PRODUCING FROM: TO

1. COMPLETE CASING RECORD:

122' - 5-9/16" Set with 5 sxs cement  
726' - 4" Not cemented  
1596' - 2-7/8" Not cemented  
Junk in hole: 140' 2 1/4" O.D. drill pipe 1807'-1947'. Attempts to recover this 2 1/4" O.D. drill pipe have been unsuccessful.

2. FULL DETAILS OF PROPOSED PLAN OF WORK:

- (1) Cut 2-7/8" casing in the interval 900'-1000' and pull casing from this depth.
- (2) Place minimum of 200' cement plug across top of remaining 2-7/8" casing (100' inside 2-7/8" to 100' above top).
- (3) Place cement from 100' below shoe of 4" csg. to 100' above shoe.
- (4) Fill top 25' of 4" with cement and place cement in 5-9/16" x 4" casing annulus.

If the well is to be deepened to another zone other than that covered by permit, this form shall be accompanied by a certified lease plat as is prescribed on Form No. O & G51.

If well is to be abandoned, does proposed work conform with requirements of Rule 26?  
Yes . If not, outline procedure proposed above.

DATE COMMENCING OPERATIONS: 12-12-61

NAME OF PARTY DOING WORK: BOYLE BROS. DRILLING COMPANY ADDRESS 1624 Pioneer Road  
CORRESPONDENCE SHOULD BE SENT TO: CALIFORNIA OIL COMPANY, Salt Lake City 10, Utah

NAME: R. A. GREEN

TITLE: Division Superintendent, Production Dept.

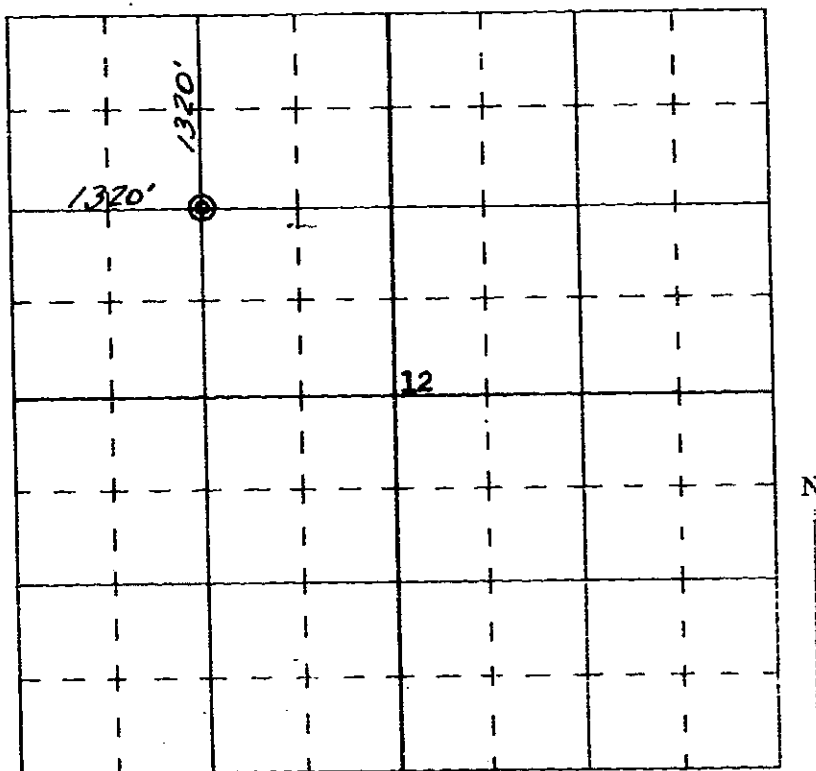
APPROVED: 19th DAY OF Dec 1961.

DENIED: DAY OF 19.

*Oil and Gas Conservation Commission*  
STATE LAND COMMISSIONER  
By: Brooks  
*Petroleum geologist*

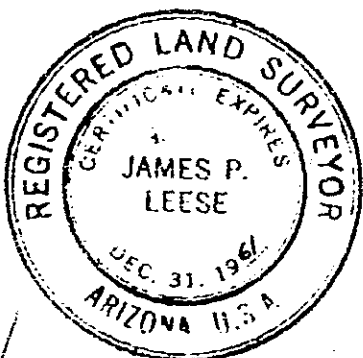
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COMPANY CALIFORNIA OIL COMPANY, WESTERN DIVISION  
Well Name & No. ARIZONA STATE LEASE 2519, WELL No. 1  
Location 1320' FROM THE NORTH LINE AND 1320' FROM THE WEST LINE,  
Being in Center of the NORTHWEST QUARTER (NW $\frac{1}{4}$ )  
Sec. 12, T 14 N., R 18 E, G. & S. R. M. NAVAJO COUNTY, ARIZONA  
Ground Elevation 5830.0 UNGRADED GROUND.



Scale — 4 inches equals 1 mile

Surveyed 15 AUGUST, 19 61  
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

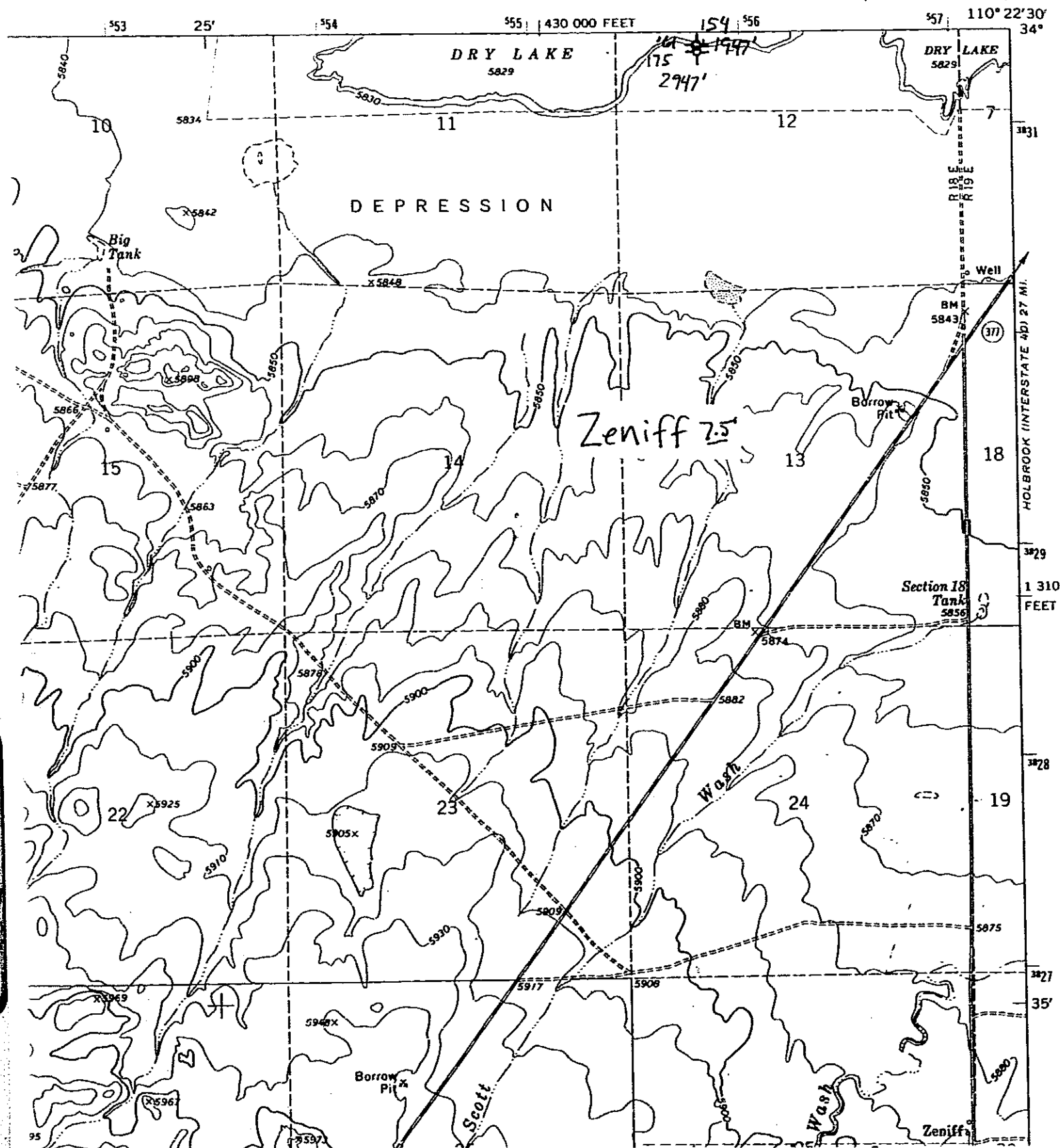


*James P. Leese*  
Registered Land Surveyor.  
James P. Leese  
Arizona Reg. No. 1849

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO



ZENIFF QUADRANGLE  
ARIZONA-NAVAJO CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



OIL AND GAS CONSERVATION COMMISSION  
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit must be granted before  
drilling begins

Oil and Gas Conservation Commission Phoenix Arizona 8-22 1961

In compliance with Statewide Rule 3, notice is hereby given that it is our intention  
to commence the work of drilling well No. State 2519 #1 Sec. 12

Twp. 14N., Rge. 18E. G&SRM Holbrook Basin Area XXXX

Navajo County.

Legal description of lease Arizona State Lease #2519 Sec. 12, T. 14N., R. 18E., G&SRM.  
(attach map or plat to scale)

Location of Well: 1320 ft. from the North Line and 1320 ft. from the West Line to  
(Give exact footage from section corners or other

location in the center of the NW $\frac{1}{4}$  of Sec. 12, T. 14N., R. 18E., Navajo County.  
legal subdivisions or streets)

Proposed drilling depth 3400 feet. Acres in drilling unit No drilling unit

Has surety bond been filed? Yes. Is location a regular or exception to spacing  
rule? Regular.

Elevation of ground above sea level 5830.0 feet.

All depth measurements taken from top of Kelly Bushing  
(Derrick, floor, Rotary Table or

which is 2 (EST) feet above the ground.  
(Kelly Bushing)

PROPOSED CASING PROGRAM

Size of Casing Inches A. P. I.	Weight	Grade & Type	Top	Bottom	Cementing Depth
<u>5<math>\frac{1}{2}</math>"</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>120</u>

Intended Zone or Zones of completion:

Name Naco, Redwall, Martin Perforated Interval -

AFFIDAVIT:

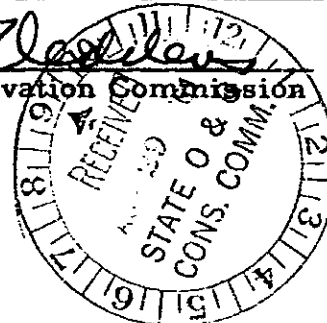
I hereby certify under the penalty of perjury, that the information contained and state-  
ments herein made are to the best of my knowledge and belief, true, correct and complete.

California Oil Company, Western Division  
(Applicant)

Application approved this 36<sup>th</sup> day of August 1961  
Permit No. 154  
3-62 1/10/58

Oil and Gas Conservation Commission

Contract - Boyle Bros. Salt Lake



BOND

KNOW ALL MEN BY THESE PRESENTS

*Cancelled*  
*8-13-1962*

That we: CALIFORNIA OIL COMPANY  
P. O. Box 780  
of the \_\_\_\_\_ in the \_\_\_\_\_  
County of: Denver State of: Colorado  
as Principal,  
and St. Paul Fire and Marine Insurance Company  
of St. Paul, Minnesota

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The condition of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

**Blanket bond for all wells drilled in State of Arizona**  
(May be used as blanket bond or for single well)

**CANCELLED**

DATE 8-13-62

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A. R. S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of Ten Thousand Dollars (\$10,000).

Witness our hands and seals, this 34<sup>th</sup> day of August, 1961

CALIFORNIA OIL COMPANY PRINCIPAL

BY: C. W. Macwell  
Attorney-in-Fact Principal

BY: N. R. Judy  
Attorney-in-Fact day of \_\_\_\_\_

Witness our hands and seals, this \_\_\_\_\_ day of \_\_\_\_\_

St. Paul Fire And Marine Insurance Co.

F. E. Shelton  
Attorney-in-Fact Surety

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Aug. 22, 1961 Anthony O. Dearden  
Date STATE OF ARIZONA

OIL AND GAS CONSERVATION COMMISSION

Class 1

(A Capital Stock Company)

**CERTIFIED COPY OF POWER OF ATTORNEY**  
Original on File at Home Office of Company. See Certification.

FIDELITY AND SURETY  
DEPARTMENT

**ST. PAUL  
FIRE and MARINE**  
*Insurance Company*  
HOME OFFICE: ST. PAUL, MINNESOTA

KNOW ALL MEN BY THESE PRESENTS: That the St. Paul Fire and Marine Insurance Company, a corporation organized and existing under the laws of the State of Minnesota, and having its principal office in the City of Saint Paul, Minnesota, does hereby constitute and appoint

**F. E. Shellman**  
1250 Stout St.  
Denver, Colorado

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, and the execution of such instrument(s) in pursuance of these presents, shall be as binding upon the said St. Paul Fire and Marine Insurance Company, as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal office.

This Power of Attorney is executed, and may be certified to and may be revoked, pursuant to and by authority of Article V, —Section 8, of the By-Laws adopted by the Board of Directors of the St. Paul Fire and Marine Insurance Company at a meeting called and held on the 17th day of January, 1952, of which the following is a true transcript of said Section 8:

"The President or any Vice President, Resident Vice President, Secretary or Resident Secretary, shall have power and authority

(1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and

(2) To appoint Special Attorneys-in-fact, who are hereby authorized to certify to copies of any power-of-attorney issued in pursuance of this section and/or any of the By-Laws of the Company, and

(3) To remove, at any time, any such Attorney-in-fact or Special Attorney-in-fact and revoke the authority given him."

IN TESTIMONY WHEREOF, the St. Paul Fire and Marine Insurance Company has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this **23rd** day of **October** A. D. 19 **58**



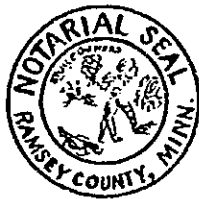
ST. PAUL FIRE AND MARINE INSURANCE COMPANY

STATE OF MINNESOTA  
County of Ramsey

} ss.

*[Signature]*  
Vice President.

On this **23rd** day of **October** 19 **58**, before me came the individual who executed the preceding instrument, to me personally known, and, being by me duly sworn, said that he is the therein described and authorized officer of the St. Paul Fire and Marine Insurance Company; that the seal affixed to said instrument is the Corporate Seal of said Company; that the said Corporate Seal and his signature were duly affixed by order of the Board of Directors of said Company.



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal, at the City of Saint Paul, Minnesota, the day and year first above written.

*C. L. Jaeger*

C. L. JAEGER  
Notary Public, Ramsey County, Minn.  
My Commission Expires June 2, 1960.

**CERTIFICATION**

I, the undersigned, a Special Attorney-in-fact of the St. Paul Fire and Marine Insurance Company, duly appointed pursuant to and by authority of the By-Laws of said Company, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID COMPANY, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this **24** day of **August** 19**61**

\*Unlimited as to character and amount.

10870 Ed. 1-56

*[Signature]*  
Special Attorney-in-fact.

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RESOLVED: That the President, or any Vice-President, of the Western Division of this corporation, or C. W. Maxwell, Contract Agent of the Western Division, together with the Secretary or an Assistant Secretary of the Western Division of this corporation be and they are hereby empowered in such capacities or as attorneys in fact for this corporation to execute (without the necessity of affixing the corporate seal thereto) all papers concerning the properties and business of said Division requiring execution in the name of this corporation or in the name of Western Division of California Oil Company, or in the name of any division or trade style of said Western Division, excepting no authority is conferred hereby for the execution of oil leases to others covering fee lands of this corporation, and deeds conveying real estate (other than rights of way and similar easements) where either the book value or sale price exceeds \$50,000 and each of said persons is hereby empowered to acknowledge and deliver any such instruments as fully as if special authority were granted in each particular instance.

I, H. L. PURDY, Assistant Secretary of California Oil Company, a California corporation, do hereby certify that the foregoing is a full, true and correct copy of a certain resolution of the Executive Committee of said corporation unanimously adopted at a regular meeting of said Executive Committee duly held at the office of said corporation in San Francisco, California, on the 9th day of March, 1961, at which meeting a quorum of said Committee was present and acting, and that said resolution is in full force and unrevoked.

IN WITNESS WHEREOF I have hereunto set my hand and affixed the seal of said corporation this 34<sup>th</sup> day of August, 1961.

H. L. Purdy



# CALIFORNIA OIL COMPANY

WESTERN DIVISION

1700 BROADWAY P O BOX 780 DENVER COLORADO 80201

September 8, 1964

Well Nos. 2519-1 & 2519-1A  
Sec. 12, T-14-N, R-18-E  
Navajo County, Arizona  
File No. S 154-175

State of Arizona  
Oil & Gas Conservation Commission  
Capitol Annex, Room 202  
1624 West Adams Street  
Phoenix, Arizona

Gentlemen:

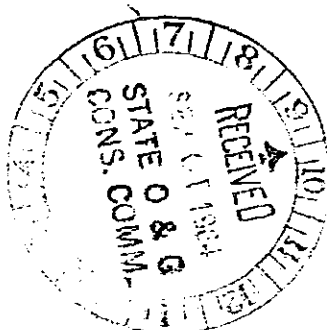
Attached is a copy of the completion record for each of the subject wells as requested in your letter dated September 4, 1964.

Please advise if we may be of further assistance.

Yours very truly,

*E M Kipp (WN)*  
E. M. Kipp  
Manager, Production

Attachment



STATE of ARIZONA  
OIL and GAS CONSERVATION COMMISSION  
CAPITOL ANNEX  
ROOM 202  
1624 WEST ADAMS STREET  
PHOENIX, ARIZONA

COMPANY California Oil Company DATE 8-4-1964  
RE: WELL NAME & NUMBER: 2519-1 and 2519-A  
LOCATION: SECTION 12 TWP. 14N R. 18E COUNTY Navajo  
FILE NUMBER 154-175

Gentlemen:

We have reviewed our files and find that we need the below checked item (s) in order to complete same. Will you please fill in the enclosed form (s), at your earliest convenience, and return them to this office. May we remind you that your bond (# XXXXXXXXXXXXXXXXXXXX,

issued by XX can be forfeited for failure to comply.

In addition we request a copy of any log run on this (these) well (s).

Your cooperation is appreciated. If we may be of service to you please advise.

Yours very truly,

*Bill Cooper*

Bill Cooper  
Records Section

Completion Record ☒

Plugging Record

Well Log

Application to plug and abandon

cc/Bonding Company (154)

January 3, 1962

California Oil Company  
Western Division  
P. O. Box 1076  
Salt Lake City, Utah

Re: California Oil Co. State 2519 #1 - Section 12  
T 14 N, R 18 E, Navajo County

Gentlemen:

We are enclosing an approved copy of Form O & G 55,  
Application to Abandon, the above described test for  
your records.

Yours very truly,

Brooks Pierce  
Petroleum Geologist

hmc  
enc 1



MEMORANDUM

TO: MR. R.L. Green/E.C. Warren Salt Lake City December 12 1947  
 FROM: MR. H.B. Christy Holbrook, Arizona  
 SUBJECT: California Oil Co  
 State 2519 #1  
 c mw Sec 12-14N-18E  
 Navajo Co., Arizona

Progress  
 Letter 10

INTERVAL PENETRATED: None 1947 TD  
 FORMATION PENETRATED: None Lower Supai  
 SHOWS: None  
 SURVEYS: Han Schlumberger at 1947 (drlr).

log	run	interval	TD drlr	TR Schl
Came May- neutron	1	100-1945	1947	1945

CORRELATIONS:			Relative to control well
Caloil State 2519 #1 EB 5441	Fan-Am Astec A-1 EB 5442		
430(+5411)	corr. pt	350(+5092)	+319
794(+5047)	Up. Supai	676(+4766)	+281
1475(+4366)	Ft. Apache	1703(+3739)	+627
1536(+4305)	Low. Supai	1747(+3695)	+610
1800(+4041)	corr. pt.	2000(+3442)	+599
1911(+3930)	corr. pt.	2116(+3326)	+604

STATUS: Preparing to F&A, will cut and recover 2 7/8" approx 900' of 2 7/8" casing and as much of the 4" as possible.

PLAN 3: BOYLES BROS will plug State 2519 #1 and skid the rig 50' to the south and core State 2519 #1A. They now have a failing rig on location to drill to approx 2000 with a rock bit. Casing will be set to the bottom of the rock bit hole and then coring will resume with 2 7/8" DP and a hole size of 3 1/4" as in the original hole.

REMARKS: The log correlation showed the top of the Ft. Apache to be at 1475(+4366). The top of the Lower Supai was picked at 1536(+4305). This is 310 low to the Geologic Program estimate.

Current correlations indicate that the rest of the hole should consist of generally firmer rock than has been seen to date. Lost circulation will however remain a problem.

cc/ced  
 jpb  
 ff  
 Astec Land

*H.B. Christy*

**SCHLUMBERGER WELL SURVEYING CORPORATION**

*"Electrical Well Logging"*

**HOUSTON, TEXAS**

PLEASE REPLY TO  
SCHLUMBERGER WELL SURVEYING CORP  
P O BOX 995  
FARMINGTON, NEW MEXICO

CALIFORNIA OIL COMPANY  
BOX 1076  
SALT LAKE CITY 10, UTAH

DATE DECEMBER 14, 1961

Attn: MR. B. L. GREEN/ECW

Dear Sir:

We thank you for your business and hope you will contact us on either service or interpretation. Enclosed are 1 2 prints of the GR-N on:  
Company CALIFORNIA OIL COMPANY Well STATE 2519 01  
County NAVAJO State ARIZONA Field HOLBROOK AREA

Additional prints are being sent to:

1 prints  
CALIFORNIA OIL COMPANY  
BOX 780  
DENVER 1, COLORADO  
ATTN: L. C. SPILAU III/CCO

1 prints  
OIL & GAS CONSERVATION COMMISSION  
SUITE 313 3500 N. CENTRAL AVE.  
PHOENIX, ARIZONA

1 prints  
CALIFORNIA OIL COMPANY  
BOX 107  
SALT LAKE CITY 10, UTAH  
ATTN: J. P. SPOCAR

prints

1 prints  
AZTEC LAND & CATTLE CO.  
BOX 873  
ALBUQUERQUE, N.M.

prints

The film is BEING MAILED UNDER SEPERATE COVER.

We are looking forward to serving you on your next well.

Very truly yours,

**SCHLUMBERGER WELL SURVEYING CORP.**

H. F. SOENE, SEN. BY PM  
District Manager

August 30, 1961

California Oil Company, Western Division  
P. O. Box 1076  
Salt Lake City, Utah

Attention: Mr. R. L. Green

Re: California Oil Company - State 2519 #1  
Section 12, T 14 N, R 18 E, Navajo County.

Gentlemen:

Enclosed is your approved application for drilling  
of the above described test.

We are also enclosing your approved bond form along  
with a receipt in the amount of \$25.00 covering the  
permit fee.

We hope you have every success in this new venture,  
and if this office can be of any service, please do  
not hesitate to call on us.

Yours very truly,

Brooks Pierce  
Petroleum Geologist

BP:hme  
encs 6

August 28, 1961

Mr. Anthony T. Deddens, Chairman  
Oil and Gas Conservation Commission  
Post Office Box 600, 11 Main Street  
Bisbee, Arizona

Dear Tony:

Reference: Eastern Petroleum Company, Santa Fe #6  
Center Section 25, T20N, R28E  
Apache County

California Oil Company, State 2519 No. 1  
Center NW $\frac{1}{4}$ , Sec 12, T14N, R18E  
Navajo County

Will you please indicate your approval on the enclosed forms OG51 for the above captioned test and return to this office at your earliest convenience. I am also enclosing the Bond form on the California Oil Company which requires your approval.

It looks as though we are getting a little more activity in our state.

Kindest regards,

Brooks Pierce  
Petroleum Geologist

BP:vjb  
Enclosures



## CALIFORNIA OIL COMPANY

WESTERN DIVISION  
1700 BROADWAY • P. O. BOX 780 • DENVER 1 • COLORADO

August 24, 1961

AIR MAIL

Oil and Gas Conservation Commission  
State of Arizona  
3500 North Central  
Suite 221  
Phoenix 12, Arizona

Attention: Mr. D. A. Jerome, Executive Secretary

Gentlemen:

Transmitted herewith are two copies of a bond in the amount of \$10,000, executed by this company as principal and by St. Paul Fire and Marine Insurance Company as surety, to cover the drilling operations performed by this company within the State of Arizona.

Yours very truly,

John B. Preston

JBP:jes

cc: Mr. J. E. Brooks  
California Oil Company, Western Division  
P. O. Box 1076  
Salt Lake City, Utah

Attachment.



## CALIFORNIA OIL COMPANY

WESTERN DIVISION

211 EAST THIRD SOUTH • P. O. BOX 1076 • SALT LAKE CITY 10 • UTAH

August 22, 1961

State of Arizona  
Oil and Gas Conservation Commission  
3500 North Central Avenue  
Phoenix, Arizona

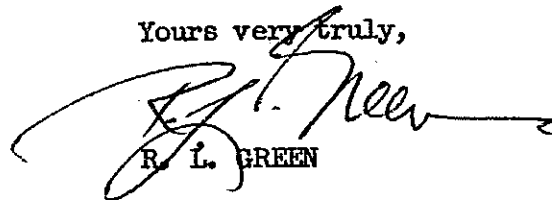
Gentlemen:

Attached you will find your Form Numbers 50 and 51 completed for our well State 2519 Number 1, Navajo County. We trust these are completed in accordance with your instructions; however, if not, please do not hesitate to call us collect to make any corrections you consider necessary.

Also, we request a supply of the following Oil and Gas Conservation Commission Forms: Numbers 50, 51, 52, 53, 54, 55, 56 and 63.

Thank you for your trouble.

Yours very truly,

  
R. L. GREEN

BLH:ar

Attachments

August 1, 1961

California Oil Company  
1700 Broadway  
P. O. Box 780  
Denver 1, Colorado

Attention: Mr. C. M. Ghylin

Gentlemen:

You will find enclosed herewith a copy  
of our General Rules and Regulations  
covering drilling for oil and gas within  
our State, as requested in your letter  
of July 28.

Yours truly,

Brooks Pierce  
Petroleum Geologist

BP:vjb  
Enclosure



# CALIFORNIA OIL COMPANY

WESTERN DIVISION

1700 BROADWAY • P. O. BOX 780 • DENVER 1 • COLORADO

July 28, 1961

Oil and Gas Conservation Commission  
State of Arizona  
3500 N. Cent. - Suite 221  
Phoenix 12, Arizona

Gentlemen:

Would you please forward one copy of the General Rules and Regulations  
having state-wide application.

If there is any charge, please bill me direct.

Yours very truly,

*C M Ghylen*  
*P O Box 780*  
*Denver*

CMG:bc